

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Hiroyuki SAITO. ) Group Art Unit: 2616  
Patent No.: 7,295,515 B2 ) Examiner: S. Ahmed  
Application No.: 09/924,054 )  
Issued: November 13, 2007 )  
Filed: August 8, 2001 )  
For: COMMUNICATION NETWORK )  
DESIGN )

U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

REQUEST FOR CERTIFICATE OF CORRECTION

Sir:

Pursuant to 35 U.S.C. § 254 and 37 C.F.R. § 1.322, this is a request for the issuance of a Certificate of Correction in the above-identified patent. PTO Form 1050 is appended. The Certificate of Correction involves mathematical formulas in the specification.

The mistake(s) identified in the appended Form occurred through the fault of the U.S. Patent and Trademark Office, as clearly disclosed by the records of the application which matured into this patent. Accordingly, no fee is required.

Issuance of the Certificate of Correction containing the corrections is earnestly requested.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By: /Garth D. Richmond Reg. No. 43,044/  
Garth D. Richmond  
Reg. No. 43,044

11350 Random Hills Road  
Suite 600  
Fairfax, Virginia 22030  
(571) 432-0800  
CUSTOMER NUMBER: 44987  
Dated: December 12, 2007

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,295,515 B2

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APPLICATION NO.: 09/924,054

ISSUE DATE : November 13, 2007

INVENTOR(S) : Hiroyuki SAITO

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 6, lines 7-11, replace the original equation (3)with the following equation:

$$\sum_{i_{(a,z)} \in I_{(a,z)}} f_{i_{(a,z)}}^d = 1 (\forall (a,z) \in P_d, \forall d \in D)$$

wherein  $f_{i_{(a,z)}}^d$  is taken as  $f_i$ .

At column 6, line 15, replace the original equation (4) with the following equation:

$$f_{i_{(a,z)}}^d = 0/1$$

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Harrity Snyder, LLP  
 11350 Random Hills Rd., Suite 600  
 Fairfax, VA 22030

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,295,515 B2

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APPLICATION NO.: 09/924,054

ISSUE DATE : November 13, 2007

INVENTOR(S) : Hiroyuki SAITO

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 9, lines 31-35, replace the original equation (11) with the following equation:

$$x_{(l,m,k)ad} \leq \left\{ \left\{ z; (a,z) \in P_d \right\} \left\{ l_{a,z} \in I_{(a,z)} \right\} V_{zad}^{out} g_{l_{(a,z)}}^{(l,m,k)} f_{l_{(a,z)}}^d \right\} / V_{ad}^m$$

$$(\forall a \in N_d. \forall d \in D, \forall (l, m, k) \in L)$$

At column 9, lines 40-45, replace the original equation (12) with the following equation:

$$\left\{ \left\{ z; (a,z) \in P_d \right\} \left\{ l_{a,z} \in I_{(a,z)} \right\} V_{ad}^{out} g_{l_{(a,z)}}^{(l,m,k)} f_{l_{(a,z)}}^d \right\} / V_{ad}^m \leq w_{(l,m,k)ad} + Mx_{(l,m,k)ad}$$

$$(\forall a \in N_d. \forall d \in D, \forall (l, m, k) \in L)$$

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The information provided by you in this form will be subject to the following routine uses:

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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.